

SpotSee® Temperature Data Loggers

SpotSee's temperature data logging solutions provide accurate recording of temperature situations for when every degree matters. With product lines that measure temperatures from -80°C to +72°C it is important to deploy the right solution for sensitive shipments like biologics, vaccines, chemicals, pharmaceuticals, food and ultra-frozen products that require temperature validation to ensure their safety and quality.



MaxiLog Alert and MaxiLog Alert -80C

In a convenient palm-sized design, the MaxiLog Alert series combines robust temperature monitoring with simple data retrieval via built-in USB interface with direct download to software. Available for standard and low temperature monitoring, these single and multi-use loggers are complete with options to customize start time delay, sampling intervals, high and low alarm values, alarm type and measurement data.

Standard Temperature Item Numbers:

8018-S MaxiLog Alert Single-Use | 8018-M MaxiLog Alert Multi-Use

Standard Temperature Range:

-29°C to +72°C / -20°F to +162°F

Low Temperature (Dry Ice) Item Numbers:

8114-S MaxiLog Alert -80C Single-Use | 8114-M MaxiLog Alert -80C Multi-Use

Low Temperature Range:

-80°C to +30°C / -113°F to +86°F

Memory:

32K

Software:

c/temp+ (read only) | MDAS Pro (user configurable) | 21 CFR-DB
(21 CFR Part 11 Compliant)

MaxiLog PDF

A single-use, 90-day temperature data logger with USB connectivity and PDF reports. This logger is completely pre-programmed with a standard start delay of 30 minutes to allow the logger to adjust to the internal temperatures of the cargo being shipped - perfect for use in cold chain applications in the life science and food industries where refrigerated products require temperature validation. This unit is ideal to fit inside small packages, and automatically downloads the data to a graph summary upon plug in.

Item Numbers:

7050-G2 MaxiLog PDF V3 Temperature Data Logger

Memory:

14K

Temperature Range:

-30°C to +70°C / -22°F to +158°F



	SpotSee 8018-S MaxiLog Alert Single-Use 8018-M MaxiLog Alert Multi-Use	SpotSee 8114-S MaxiLog Alert -80C Single-Use 8114-M MaxiLog Alert -80C Multi-Use	SpotSee 7050-G2 MaxiLog
Recording Type	Single-Use (may be overwritten prior to starting unit), Multi-Use	Single-Use (may be overwritten prior to starting unit), Multi-Use	Single Use
Temperature Measurement Range	-29°C to +72°C / -20°F to +162°F	-80°C to +30°C / -113°F to +86°F	-30°C to +70°C / -22°F to +158°F
Temperature Accuracy Range	±0.2°C at 0°C to 10°C, ±0.9°C at extremes / ±.36°F at 32°F to 50°F, ±1.8°F at extremes	±0.5°C at 0°C to 10°C, ±2.0°C at extremes / ±0.9°F at 32°F to 50°F, ±3.6°F at extremes	±0.3°C / 0.54°F
Temperature Resolution	0.1°C / 1.8°F	0.1°C / 1.8°F	0.1°C / 1.8°F
Data Storage Capacity	32K data points	32K data points	14K data points (14400)
Battery Life / Type	CR2032 Lithium coin cell, 1 yr operating life, 3 yr shelf life	ER2450T, 1 yr operating life, 3 yr shelf life	CR2032 Lithium coin cell, 18 month shelf life
Data Sampling Interval	2 seconds to 36 hours	2 seconds to 36 hours	10 Minutes
Start Up Delay	2 seconds to 36 hours	2 seconds to 36 hours	30 Minutes
Alarm Programming	Programmable high and low limits. Alarm triggered when limits are exceeded for specified time period.	Programmable high and low limits. Alarm triggered when limits are exceeded for specified time period.	Programmable high and low limits. Alarm triggered when limits exceeded.
Alarm Modes	Exceed Limit, Continuous Interval, Cumulative	Exceed Limit, Continuous Interval, Cumulative	Exceed Limit
Alarm Reset Options	Single Use: No reset option Multi-Use: Alarm is reset when logger is erased and reprogrammed	Single Use: No reset option Multi-Use: Alarm is reset when logger is erased and reprogrammed	Single Use: No reset option
Alarm Notifications	Red LED flashes when alarm has been triggered	Red LED flashes when alarm has been triggered	Red LED flashes when alarm has been triggered
Indicators	LED Indicators: on/recording (green), alarm (red flash)	LED Indicators: on/recording (green), alarm (red flash)	LED Indicators: on/recording (green), alarm (red flash)
Start Up Options	Push button automatic start with optional delay	Push button automatic start with optional delay	Push button: Start/Mark/Stop
Dimensions	8.8 cm (l) x 3.49 cm (w) x 1.58 cm (h) / 3.5 in (l) x 1.38 in (w) x 0.62 in (h)	8.8 cm (l) x 3.49 cm (w) x 1.58 cm (h) / 3.5 in (l) x 1.38 in (w) x 0.62 in (h)	94 mm (h) x 20 mm (w) x 7 mm (h) / 3.7 in (l) x 0.8 in (w) x 0.27 in (h)
Weight	65 g / 3.0 oz	65 g / 3.0 oz	10.6 g / 0.37 oz.
Quality Assurance Certifications	CE, NIST Traceable, Certificate of Calibration	CE, NIST Traceable, Certificate of Calibration	CE, NIST Traceable, Certificate of Calibration
Minimum System Requirements	Windows XP, Vista: 7, 8 and 10	Windows XP, Vista: 7, 8 and 10	Windows XP, Vista: 7, 8 and 10, MAC and Android
Required Software	c:\temp+ (read only) MDAS-Pro, 21 CFR (user configurable)	c:\temp+ (read only) MDAS-Pro, 21 CFR (user configurable)	PDF Reader
Computer Interface	USB A, built-in interface	USB A, built-in interface	USB A, built-in interface
Warranty	1 Year	1 Year	1 Year